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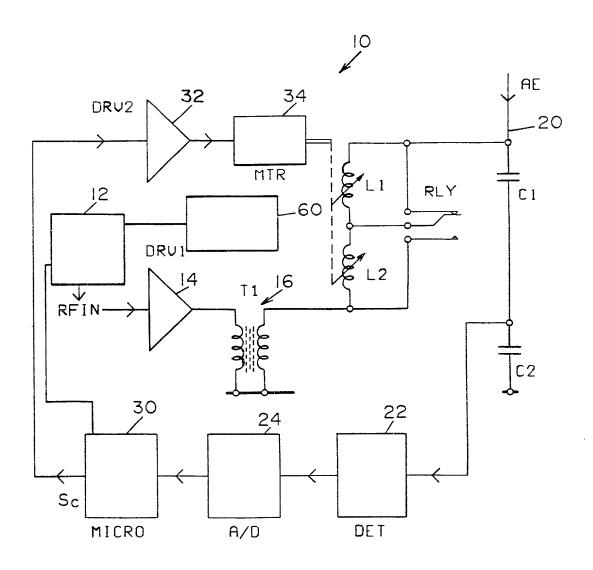
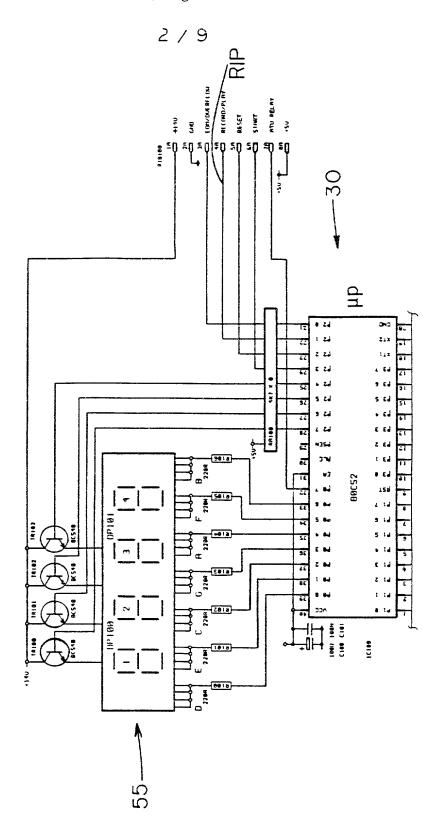


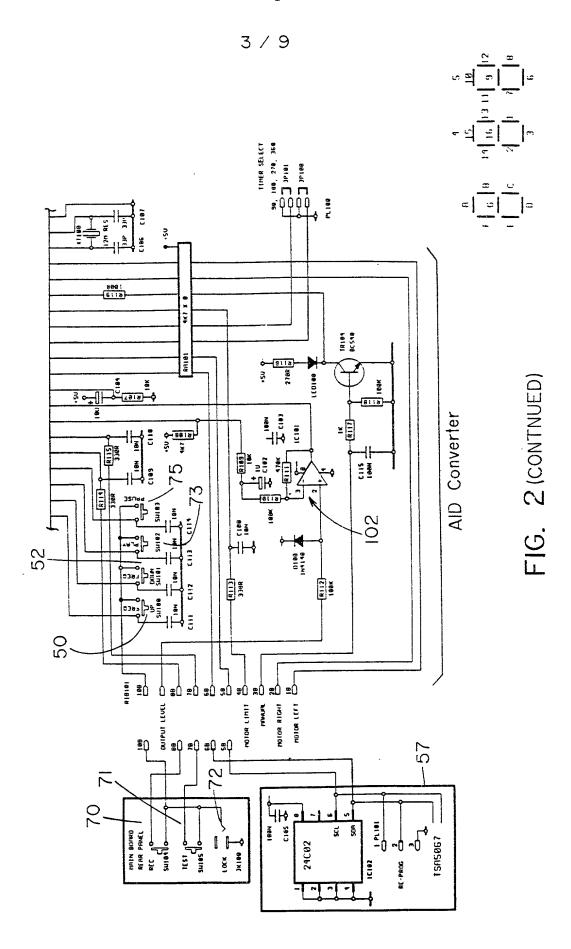
FIG. I

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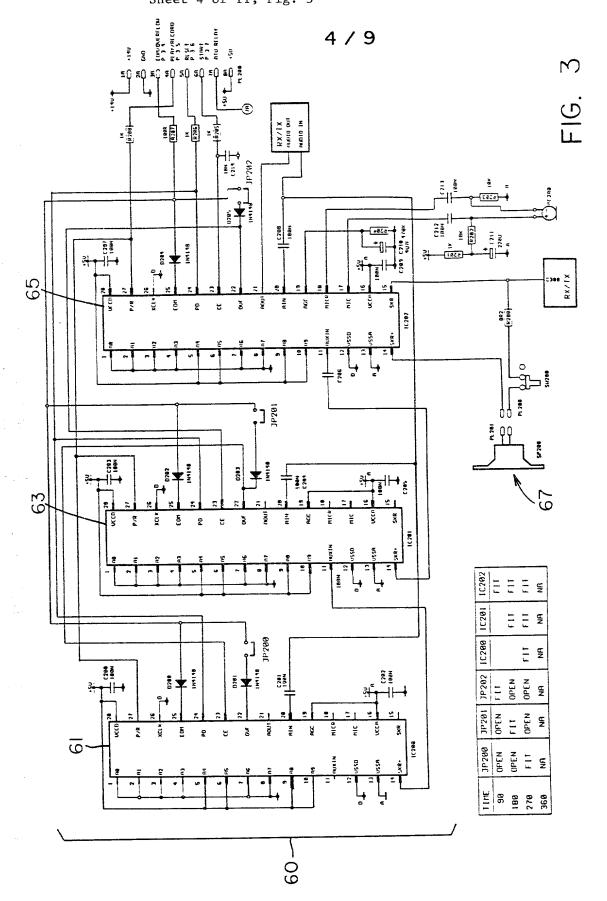
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New Application, Matthew, et al. "Automatic Tuning AM Transmitter" Atty Docket No: 29717/37694 Sheet 5 of 11, Fig. 4A 5/9 Su con **a**0 **a**0 **a**0 **a**0 P1 188 P1 3 10 8485 10 8166 20 95B Ī 95 89 88 2113 95A 90 ě 85 1963 82 80 2 98 REC/PLAY AUDIO OUT PUDIO IN IC202 PIN 1 59 DIRECT

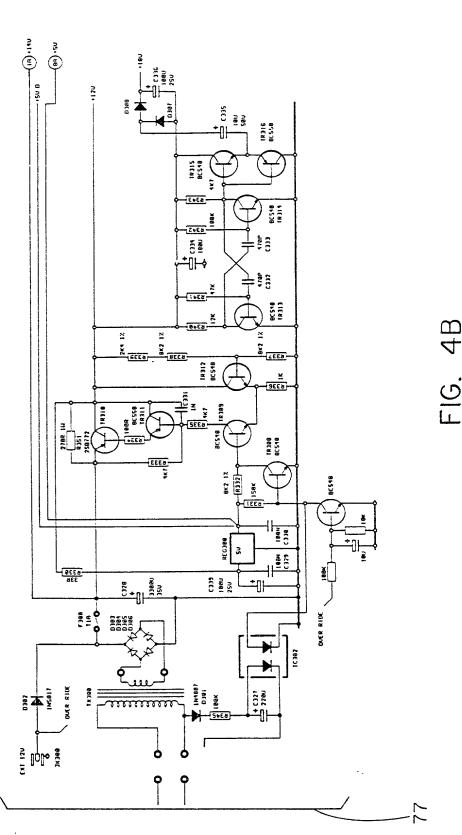
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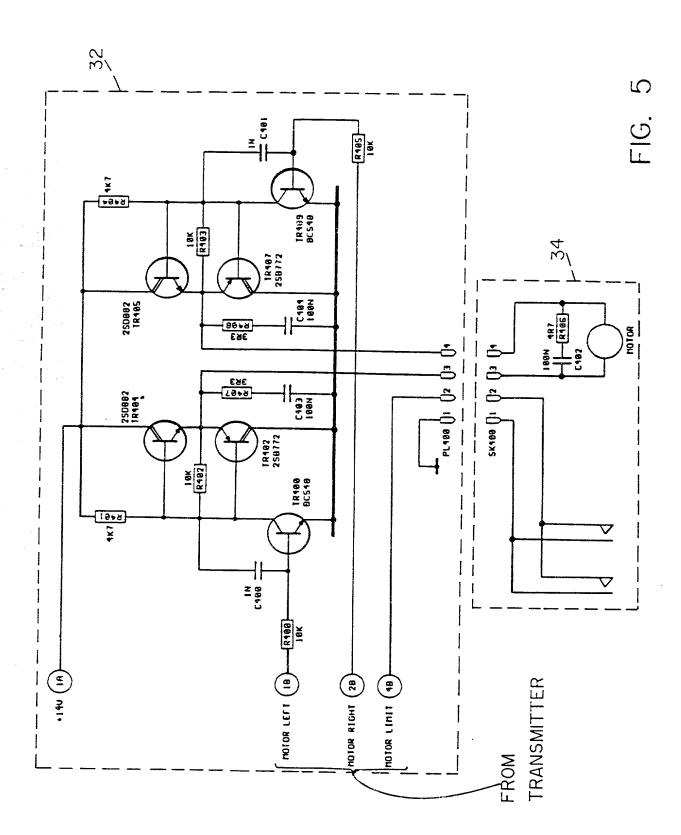
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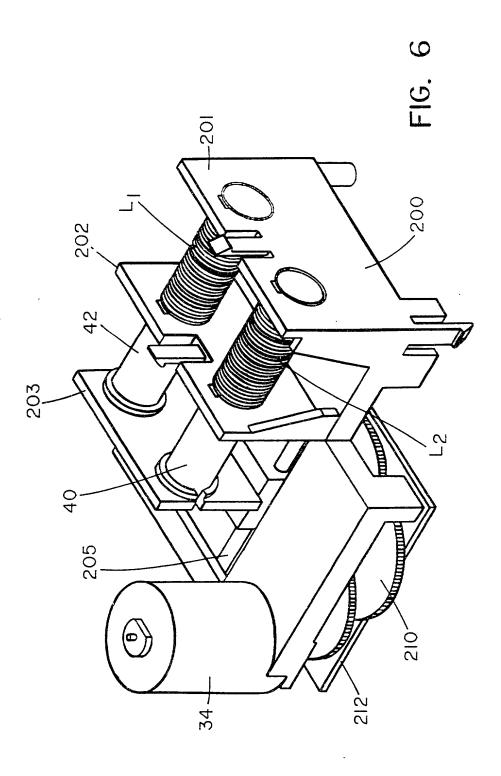
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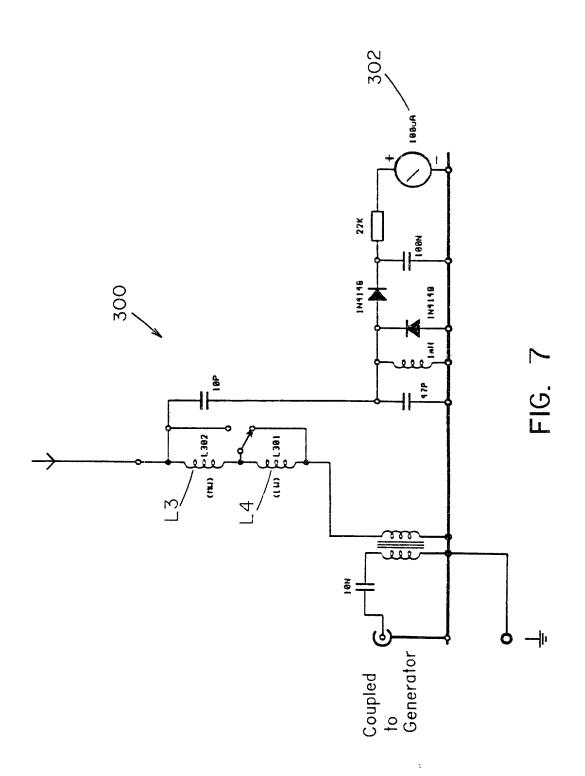
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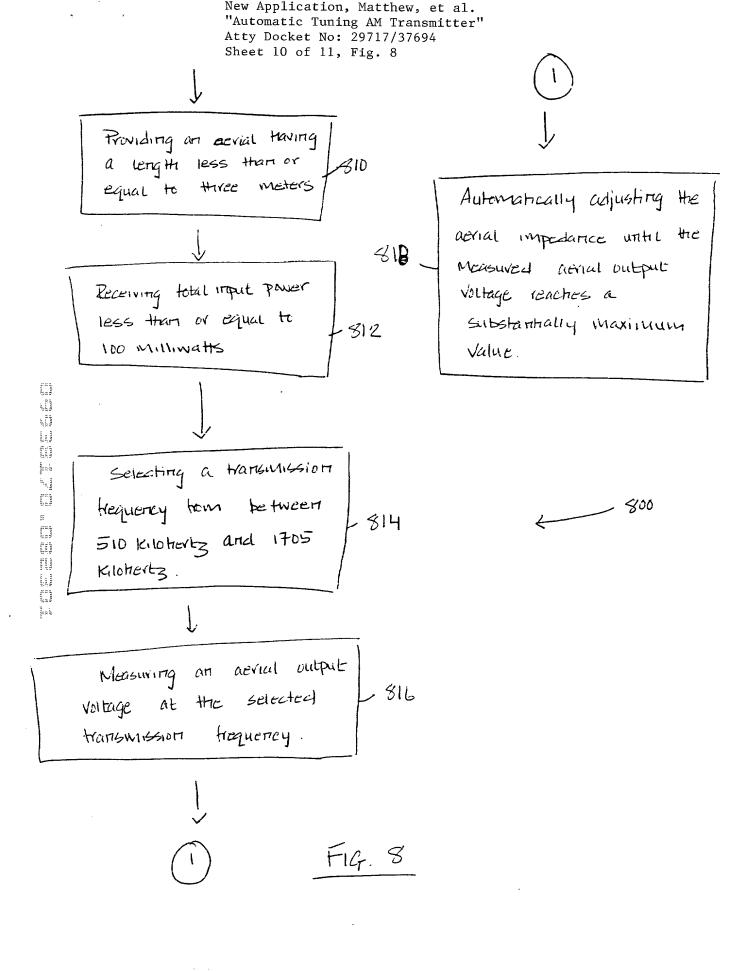
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New Application, Matthew, et al. "Automatic Tuning AM Transmitter" Atty Docket No: 29717/37694 1 000 FIG 9 Sheet 11 of 11, Fig. 9 MEGSINE the acrial 90Z Compare the Measured output voltage Gerial output voltage 911 at the adjusted amil impedance to the Genevate a reference reference aerial output acrial output voltage Voltage. -904 that is greater than the measured aerul 914 output voltage. 15 the NO Measured arrial output Voltage Substantially equal to the retirence Governme velevence 906 5.1 E E aerial output actual output voltage Street, Street YES voltage #### #### Inevenue the arrial impedance based on ad the reference aevill output voltage Adjust the aerial 116 impedance so that the measured aerral output Measur the aerial output 910 voltage substantially voltage at the adjusted equals the aevial impedance. retevence nevial output Voltage